PATENT COOPERATION TREATY

TRANSLATION From the INTERNATIONAL SEARCHING AUTHORITY WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY (PCT Rule 43bis.1) See form PCT/ISA/210 Date of mailing (day/month/year) Applicant's or agent's file reference FOR FURTHER ACTION L50151/A-PCT See paragraph 2 below International application No. International filing date (dawmonth/vear) Priority date (day/month/year) PCT/DE2004/002449 05.11.2004 13.11.2003 International Patent Classification (IPC) or both national classification and IPC F24C14/00 Applicant RATIONAL AG This opinion contains indications relating to the following items: Box No. I Basis of the opinion Box No. II Priority Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability Box No. IV Lack of unity of invention Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial Box No. V applicability; citations and explanations supporting such statement Box No. VI Certain documents cited Box No. VII Certain defects in the international application Box No. VIII Certain observations on the international application 2. **FURTHER ACTION** If a demand for international preliminary examination is made, this opinion will be considered to be a written opinion of the International Preliminary Examining Authority ("IPEA") except that this does not apply where the applicant chooses an Authority other than this one to be the IPEA and the chosen IPEA has notified the International Bureau under Rule 66.1bis(b) that written opinions of this International Searching Authority will not be so considered. If this opinion is, as provided above, considered to be a written opinion of the IPEA, the applicant is invited to submit to the IPEA a written reply together, where appropriate, with amendments, before the expiration of 3 months from the date of mailing of Form PCT/ISA/220 or before the expiration of 22 months from the priority date, whichever expires later. For further options, see Form PCT/ISA/220. For further details, see notes to Form PCT/ISA/220. Name and mailing address of the ISA/EP Authorized officer Facsimile No. Telephone No.

International application No.
PCT/DE2004/002449

Box	No. I	Basis of this opinion
1.	With filed.	regard to the language, this opinion has been established on the basis of the international application in the language in which it was unless otherwise indicated under this item.
		This opinion has been established on the basis of a translation from the original language into the following language , which is the language of a translation furnished for the purposes of international search (under
	1	Rule 12.3 and 23.1(b)).
2.	With	regard to any nucleotide and/or amino acid sequence disclosed in the international application and necessary to the claimed ation, this opinion has been established on the basis of:
:	a.	type of material
		a sequence listing
		table(s) related to the sequence listing
	Ь.	format of material
		in written format
		in computer readable form
	c	time of filing/furnishing
		contained in the international application as filed.
		filed together with the international application in computer readable form.
		furnished subsequently to this Authority for the purposes of search.
3.		In addition, in the case that more than one version or copy of a sequence listing and/or table(s) relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.
4.	Addi	tional comments:
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International application No.
PCT/DE2004/002449

BUX		citations and explanations supporting such statement			
1.	Statement				
	Novelty (N)	Claims	1-26	YES	
٠.	*	Claims	·	NO	
, 4	Inventive step (IS)	Claims	1-26	YES	
	,	Claims		NO	
	Industrial applicability (IA)	Claims	1-26	YES	
		Claims		МО	

2. Citations and explanations:

Reference is made to the following documents:

D1: US 2003/145847 A1 (DEURINGER MARTIN *ET AL.*) 7 August 2003 (2003-08-07)

D2: DE 25 55 052 A1 (MIELE & CIE) 8 June 1977 (1977-06-08)

Document D2 exhibits a method for indirectly measuring the amount of water in a dishwasher by measuring and interpreting power consumption at the recirculation pump. As soon as the power permanently exceeds a certain value following the opening of the inlet valve, it is assumed that the device now contains the desired amount of water, and the inlet valve is consequently closed.

Document D1 describes a cooking device and a method for cleaning said cooking device, according to which method cleaning liquid is passed to the rotating fan wheel 5 through the pipe 19 and distributed in the cooking space by this rotating fan wheel. The cleaning liquid flows away again through the outlet 20, reaches the reservoir 12, and from there is again passed to the rotating fan wheel 5 through the pump and the pipe 19 into the cooking space. Nothing is disclosed about measurement of the

International application No.
PCT/DE2004/002449

Box No. V Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

amount of cleaning fluid in the device; this is usually done by means of a filling-level gauge in the prior art.

The application now presents a baking oven which, analogously to the device from D1, has a recirculation pump which passes water to the rotating fan wheel.

The difference between the application and D1 is that the amount of cleaning liquid in the device is measured indirectly by measuring the force of action of the cleaning liquid on the fan wheel, in particular by measuring power consumption or current consumption at the fan.

Advantage: the measuring device (for example fillinglevel gauge) is therefore no longer exposed to the cleaning liquid and failure on account of contamination of the measurement device is avoided.

The field of dishwashers may not be completely foreign to a person skilled in the art who is familiar with baking ovens with a self-cleaning function. Therefore, combining documents D1 and D2 would generally be possible for such a person skilled in the art. However, power consumption in the dishwasher as per D2 is measured at the pump. However, in the baking oven as per the application, this measurement is not carried out at the recirculation pump (likewise present), but at the fan.

A person skilled in the art would therefore not arrive at the subject matter of claims 1 and 8 by simply combining documents D1 and D2. Said claims are therefore to be assessed as being inventive within the meaning of PCT

International application No.
PCT/DE2004/002449

Box No. V	Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement
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International application No.
PCT/DE2004/002449

Box No. VII

Certain defects in the international application

The following defects in the form or contents of the international application have been noted:

The features of the claims should be followed by reference signs placed between parentheses in order to increase understanding of the claims (PCT Rule 6.2(b)). This applies both to the preamble and to the characterizing part.